



State of Utah

Department of
Environmental Quality

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DIVISION OF AIR QUALITY
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DAQ-042-2005

MEMORANDUM

TO: Air Quality Board

THROUGH: Richard W. Sprott, Executive Secretary

FROM: Nando Meli Jr., New Source Review Engineer

DATE: June 23, 2005

SUBJECT: Modify The Requirements In Approval Order DAQE #664-99 for Kennecott Tailings Impoundment Area To Reflect Current Condition

Company Name Kennecott Utah Copper Corporation (KUCC)

Location: Kennecott Utah Tailings Impoundment area, South of I-80 and West of 8,000 West, Salt Lake City, Salt Lake County, Utah

Project Description: KUCC has requested that the current Tailings Impoundment Approval Order (AO), DAQE-664-99, be modified to reflect the current tailings impoundment area. KUCC is seeking to update the AO to address only active impoundment areas, propose language referencing the fugitive dust abatement plan, and lower emission estimates for the tailings impoundment. KUCC has requested that more generic language be used in referring to the "Tailings Moderations Project, Fugitive Dust Abatement Program" so that periodic updates to the abatement plan will not require subsequent Notice Of Intent submittals.

The tailings impoundment area is located in Salt Lake County and Salt Lake County is a Non-attainment area of the National Ambient Air Quality Standards (NAAQS) for PM₁₀ and SO₂, and is a Maintenance area for Ozone. Title V of the 1990 Clean Air Act applies to this source and KUCC has a Title V Operating Permit for the tailings impoundment area. The PM₁₀ emissions will decrease by 6.94 tons per year (tpy). This change in the emissions will result in a PM₁₀ potential to emit total of 36.26 tpy.

A public comment period was held in accordance with UAC R307-401-4 and no public comments were received.

SIP sources that modify requirements that are listed in the SIP are required to have the Air Quality Board Approval before the modifications can be implemented. The KUCC tailings impoundment area is a Salt Lake County PM₁₀ State Implementation Plan (SIP) source.